TARC
TITUSVILLE AMATEUR RADIO CLUB
NEWSLETTER
September, 1992

OFFICERS
President: Bud Hughes K4CWG 269-0779
Vice President: Cliff Hoag KC4SYD 267-7030
Secretary: Jerry Richards KC4YDP 459-2073
Treasurer: Walt Hart KC4VVG 267-4590

PRESIDENT'S CORNER

By Bud Hughes K4CWG

Effective with last month's (Aug) issue of the TARC Newsletter, a policy of inserting a dues/donation reminder into the newsletter has been initiated. This replaces the dues/donation date heretofore printed on the mailing label. So far the response to this approach has been very favorable. There are those who have submitted donations for which the club is most grateful. There were those who received the reminder when in fact their dues due date was incorrect (yours truly had failed to update the database---sorry, I promise to do better).

Your club needs your support financially, but most important, your involvement and participation in service to our community. 73's K4CWG

Ed. note: Below is the first timely editorial received from a reader. I hope there will be more. This one brought a lump to my throat. Thank you, Robyn.

WHAT A HAM !!!!

By: Robyn Cavalera - XYL of Mike KB2MLY

When we think of a ham, we think of someone who loves to be in the limelight. You know the type I mean, the one who always jumps up on stage to show off. This is usually true, except in this case! The type of ham I am talking about is the ham operator.

Hurricane Andrew hit Florida with the force of a bomb. Almost all of South Florida - from South Miami down was devastated, if not destroyed. There were and still are no phones nor electricity in most areas. People, including hams, are without water or food unless they brought it with them, or have had it brought in. That is because there has been no way to get to the hurricane victims to help until now. Unknown to almost everyone, in the middle of this mess a new HERO arose. This hero is not your usual type. He didn't tell anyone who he was; he didn't ask for any money or support. All he (and "he" is many) did was go to the places the need was greatest, at his own expense. Suddenly in the midst of all the confusion of this disaster, a door was opened for communication. People were able to call out their needs. Doctors were able to help and treat people. Needed supplies of food, water, medicine, clothes and other necessities were able to be ordered. Families were able to find out if loved ones were alive or dead. Even the police and military mash units were now able to coordinate their efforts through these people. Who are these people, you ask? THE AMATEUR RADIO OPERATOR!

Each one of them - names unknown - voluntarily went into the worst areas and set up communications. Most of them have been there since day one without relief. They have been the ONLY link for almost ALL of the areas. The Red Cross and Salvation Army have been using them extensively to communicate with each other. Does anyone know this? NO!!

I want to dedicate this to the wonderful men and women who have come to the call of their fellow man in a time of crisis. People who are not known, not thanked, and yet without them, others would surely have been injured or died. They didn't wait to be asked, they just went. They didn't care if they were thanked, they just went. They don't care if no one knows what they have done, BUT I DO!!

My husband is a ham. He went, and I am proud of him for it!! I praise God for their tireless dedication. I thank God they are there to help. You should, too.

WHAT A HAM!! THANK GOD!! WHAT A HAM!!!

> Wife to HAM husband: If this is wireless communication, what is all that mess behind your desk?

AUGUST MINUTES

By Cliff Hoag KC4SYD
Secretary pro tem

The meeting was opened by Bud K4CWG at 7:05 PM. He announced that another member, Roger Deacon WA3EWJ had become "silent key" and would be missed by the club and his family

A "Round Robin" identification of attendees introduced two guests - Alan Marsden KC4UUX and Nancy Marsden KD4ITX, and 55 members.

Bud K4CWG introduced Carl Zellich AA4MI, ARRL Assistant Director for our area. A discussion included comments on the FLORIDA SKIP magazine (for whom Carl is a technical correspondent) He also discussed ARRL Ham equipment insurance that is available, plus recent Federal actions involving frequency allocations and probable changes in the offing.

The secretary's report of the previous meeting was read and approved.

Treasurer's report:	Treasury -	$ 713.68
	Savings -	1121.54

Larry WB9MFJ suggested we liquidate our Repeater debt to Bud K4CWG as soon as possible so that the club can acquire a suitable generator for future emergency use (an estimated cost of $350) Wes AF4N suggested the club endeavor to make money for the above Motion was made by K4CWG and seconded by K4SJC and others that the club reimburse K4CWG the sum of $750 toward debt reduction. A check drawn on the savings account for this amount was issued at the meeting. The Treasurer, Walt KC4VVG discussed the possible increase of service charges by NCNB It was agreed that he should seek an alternative banking source if the situation cannot be improved.

KD4HOP Dick announced that the next Fox Hunt will be on September 20. Jerry KC4YDP will be the fox.

The club unanimously recognized and commended Clyde Lee K4EOS and XYL Becky for their efforts in producing the latest TARC Newsletter. Members are reminded to keep those articles coming in to maintain and improve the Newsletter. Becky and Clyde are also producing a TARC Handbook for new members that will circulate soon - another plus for a great team effort!

Carole, KC4VIN reminded members of the forthcoming "Tailgate Party" scheduled for Saturday, 3 Oct., 1992 in conjunction with the Experimental Aircraft Owners to be held at Arthur Dunn Airpark in Titusville. High visibility "flyers" are available for posting in areas around town.

Bob W4VQB gave a presentation on "Life Line", an electronic device utilized by physically impaired to call for help, should the need arise. Bob's work has been entirely voluntary for the past three years. His presentation and his efforts are certainly appreciated.

Dan K3KS; Carl AA4MI and Bud K4CWG issued a plea to all members to do what they could in alleviating the terrible conditions in South Florida as a result of Hurrican Andrew on Aug. 23, 1992. W4OPZ, Joe has been seeking volunteers to go to South Florida to relieve the Amateur Radio Operators who continue to function and aid emergency efforts.

Wes, AF4N volunteered to coordinate the club's efforts in raising money to effect the reduction of the club's debt to Bud K4CWG for repeater costs.

The meeting was closed at 9:05 PM.

NOTE: 16 applicants for the operator license were tested prior to the meeting and 12 passed successfully.

THE Q CORNER

By Mike Hadley KC4TCV

QRZ. . . QRZ. . .de KC4TCV! Well, last month we learned that the Q signal QRZ meant "who's calling me". It's amazing that I still hear people calling on repeaters "this is [their call], QRZ the frequency". It makes me want to key up and say "well gosh, I didn't hear anyone calling you". I guess they think that anything that has a 'Q' in it means 'CQ' (hmm, maybe they don't know what CQ means, either). I probably would have felt better if they just gave their call and said "CQ the '91' repeater". Oh well, maybe we'll start another column just dedicated towards proper repeater operation and etiquette. Don't you CW guys just love this??

The 'Q' Signal for this month is 'QRT'. In CW talk this means "Shall I stop sending?", as a question or just "Stop sending" as a statement. The most common SSB usage of this is as follows: "this is KD4XYZ clear and going "QRT". It's pretty much understood that what they're saying is that they are through operating, and "pulling the plug" (i.e. going off the air so don't try calling them).

So now you know how to find out, in CW talk, who called you and also how to tell them that you're going off the air and they won't be able to talk to you. That ought to be worth something. With all this I'll say, in SSB talk, "73, this is KC4TCV going QRT until next month". Please note that I said "this is" and NOT "de"!

The city of Kissimmee sold its old parking meters for $5 each to any citizen who could think of a use for them. One woman bought one to set aside for eventual use as a tombstone. She felt it would be appropriate, since the flag bore the word "Expired."

FAR-OUT NEUTRINO TRIVIA

By Norm Foster AA4FY

The NEUTRINO is a subatomic, electrically neutral particle emanating from the stars that moves at or near the speed of light. In 1930, Wolfgang Pauli proposed that the existence of such a particle would account for the missing energy and momentum evidenced during observations of radiation from material decay caused by the weak force. In 1933 Enrico Fermi quantitized the particle to get on with the mathematical basis necessary for development of the atom bomb, and by 1980 the NEUTRINO was attributed to actually exsist and probably to have a small mass.

Whether the NEUTRINO is actually found to have mass or not seems to be very important. Should it have mass then it is destined to move at a speed less than light, allowing it to be controlled by the electromagnetic force and thereby capable of being made useful. An earth-shaking thought. The grand unified theories (guts) which unite three of the four forces in the universe - the weak, electromagnetic, and strong, show that the NEUTRINO should naturally acquire a non-zero mass, although considerably smaller than the masses of the quarks and the charged leptons. Mine-boggling indeed. However, should the NEUTRINO be found not to have mass and move at the ultimate speed, the world must await the discovery of a sorely needed second spectrum to provide the basis for controling the elusive particle. No doubt the countries not constrained with degradation - Japan, Germany, France, Texas will find another spectrum in the near future, as the electromagnetic one is about worn out, and allow us all to pay taxes for the development of it. May we hope so.

The NEUTRINO is not as big as the proverbial bread-box, either. Should one consider an atom being expanded in size such that the nucleus would be the size of a basketball, then the nearest electron would be the size of a baseball, be two miles away, and be clipping along around the nucleus somewhat as a planet circles the sun. About 30,000 NEUTRINOS may be required to equal the mass of one electron - the aforementioned baseball. There is ample space available for the NEUTRINOS to move through atoms readily; they can pass through several light-years of lead without touching another particle (a light-year is a national debt type of number).

The particle physicist are very big on trying to understand the NEUTRINO. There are expensive and deep underground laboratories in Japan, Italy, the Commonwealth of Independent States and our country devoted exclusively to the study of this evasive particle, and background experiments are routinely carried into space. Knowledge of the NUTRINO bears on how the sun shines and the make-up of dark matter, presently believed to compose 90% of the known firmament. The universe is NEUTRINO dominated, and we live in a sea of these particles whizzing through and about us without being in our way - thoughts not gentle to the mind. Quadrillions of NEUTRINOS from the sun alone, being only one medium-size star, flow through the earth every second and can only be detected when they happen to collide with a proton, liberating a faint glow. Some were spotted emanating from a 1987 supernova in a nearby galaxy. The combined NEUTRINO mass is also bodatious and could be causing a reversal in the universe expansion. WHEW!

Who cares? Surely there is a continual quest for NEUTRINO applications. The HAM, or the communications community, could play a significant role here - at least until commercialism attains its dominance. The capablilty to modulate or apply intelligence to existing NEUTRINO beams and withdraw the information at will would eliminate the need for land-lines and communications satellites. Since the beams go in all directions the one selected for a particular transmission would also pass through the selected target, such as from a communicator in Florida to one on Guam, in a direct path, completely neglecting the intervening earth. There would be no jamming and no susceptibility to interference; communications could be of a personal nature. This technique would apply throughout the cosmos, and surely most other places.

Both the transmitter and the receiver are conceivably far more simple than those we now use to rattle and de-rattle maxwell-elements of the electromagnetic force. Power requirements would essentially be non-existent or very nil. The transceiver element could be very small and conceivably be a body implant at a location to stimulate some auditory, visual or other sensing nerve. The pointing system needs some development, as is the case we now experience in our continual struggle for better electromagnetic communications. Methods for beam capture, mangle, quiver, trimble and de-mangle need be perfected. There is a need for development of a nothruem coating and a practical catchum, a hi-gain type of NEUTRINO detector. .....Continued on page 4

HAMFEST SCHEDULE

Sept. 26.....Starke Hamfest
Bradford Co. Fairgrounds

Sept. 27.....New Port Richey Hamfest

Oct. 3.....Titusville FREE Hamfest
Arthur Dunn Airport

Oct. 24/25.....West Palm Beach Hamfest

Nov. 7.....Lake County Hamfest-Eustis

Nov. 21/22.....Tampa Hamfest

Dec. 5.....Okeechobee Hamfest

.....Neutrino continued from page 3

It is conceivable that we all may have a chance to shine here and put our botch on this thing, should success of the researchers give us the opportunity to show our prowess. Following are three figures depicting elementary concepts of NEUTRINO communications, not intended to represent operating equipment.

REFERENCES: McGraw-Hill Encyclopedia of Science and Technology
Popular Science - April, 1992
Time - September 10, 1990
Science News - January 21, 1989
Other

FIG. 1 - X-MITTER

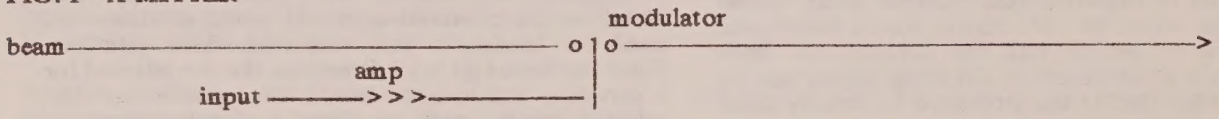


FIG. 2 - RCVR

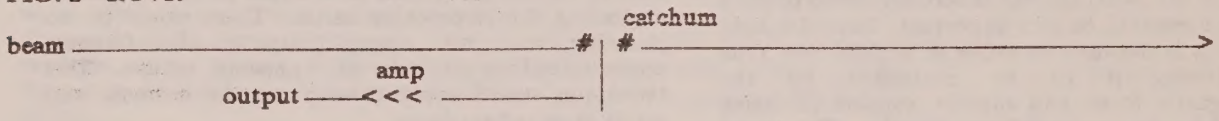
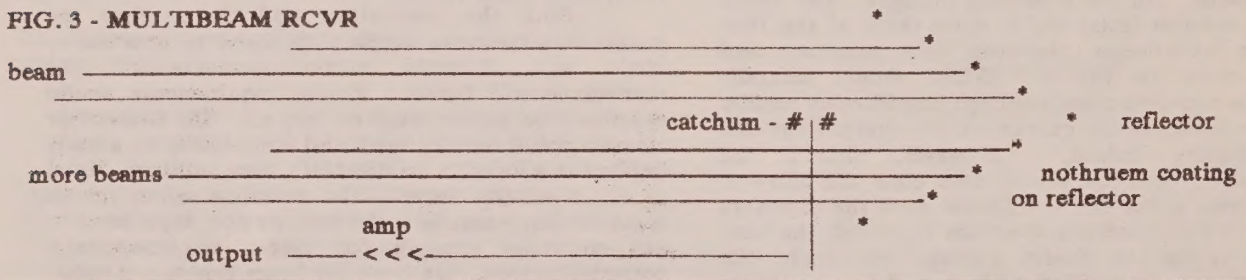


FIG. 3 - MULTIBEAM RCVR



BREVARD COUNTY'S NEW 800-MHz TRUNKED RADIO SYSTEM
Taken from Brevard Technical Journal July 1992
By Mark J. Weber AB4IX

In 1991 the Brevard County Sheriff's office decided to implement a new radio system for the county. At that time the Sheriff's office had two primary duplex channels on 154.710 and 154.890 MHz. The frequencies were in the highband or VHF frequency range. This frequency band made the Sheriff's office communications susceptible to interference from other agencies operating on the same frequency. Although these other users on the same frequency were some distance away, interference was occurring on a regular basis. The two frequencies were used for all the Sheriff's office communications from north to central to south Brevard. Eighty to ninety deputies shared a single channel at one time. Coverage in the County was 100% for 110-watt mobiles and 35% for portable units using 5 watts.

The new system was installed and cut over in November 1991. According to Curt Jones, Senior Administrative Officer for the Brevard County Sheriff's office, the system was accepted by the County on December 11, 1991. The County was required to vacate the old VHF frequencies as part of the new 800 MHz license agreement with regional frequency coordinators.

TECHNICAL DESCRIPTION

Trunking uses the principle of time sharing to increase system throughput. Taking advantage of the "dead time" between transmissions, a trunked radio system can accommodate many more users than would be possible with a single frequency-per-user system, and precious radio spectrum space is used much more efficiently. Many areas of the country (including all of Florida) do not have new frequencies available to accommodate the increasing population and resultant demand for spectrum space. Telephone companies have long used the principle of trunking to link two cities together. The basic idea is that a radio frequency or channel is assigned to the user on an as-needed basis, and just as the telephone company would assign a trunk to your interoffice phone call, a trunked radio system will allocate a frequency, or channel, for your transmission. ....continued on Page 7

A man went to Florida for his health, but, unfortunately, died there. His body was shipped back to New York, and as the widow was viewing the remains, a friend remarked, "Doesn't he look wonderful!" "Yes," replied the widow. "I think those two weeks in Florida did him a world of good."

THINGS YOU SHOULD KNOW

Starting in September, Secretary's Minutes and the Treasurer's Report will be printed in the newsletter each month, and will not be read at the meeting. The reason for this is so that there will be more time for informative and interesting programs. Of course, if you have a correction or a question, those will be addressed at the meeting.

Jenny and Lloyd Mullens KA4LTK who do volunteer work for the Florida Silver-Haired Legislature, will be among delegates at the upcoming legislative session in Tallahassee. They are to be commended for this, and all the other volunteer work they do.

On page 5 there is a listing of upcoming programs for the balance of 1992. The October program is about Brevard County's new 800 MHz Communications System. On Page 4 of this issue you will find an article giving the highlights of the system.

If you are wondering why the I E R in the triangle in the banner of this newsletter, watch for an upcoming article in the October issue.

Also in the October issue Carl Zelich AA4MI, ARRL Assistant Director,SE Division, gives correct procedure for filing petitions and comments with the FCC.

TAILGATE PARTY COMMITTEE MEETING

BYl Carole Ann KC4VIN & Jose KC4VIO

The committee met August 28, 1992 at 7:15 pm at Casa Ramos. Attendees were Les Widick K4BZJ, Bud Hughes K4CWG, Archie Shetler WN3DHI, Wes Whitley AF4N, Les Griner K4SJC, Cliff Hoag KC4SYD, Carole Ramos KC4VIN, Jose Ramos KC4VIO and Jim Meeks N4ZNQ. Neale Cranston W4GMW could not attend.

Jose & Carole informed the committee of the advertising that has been done since the last meeting.

1. Flyers were distributed at the Orlando Hamcation in March of 1992. Bud K4CWG assisted in the copying of flyers and supplied the paper.
2. Letters and flyers were sent to Florida Skip and the ARRL Region Quarterly Letter.
3. Flyers have been distributed at TARC meetings and testing sessions.
4. Several TARC members have put flyers at their work place and given them to friends.
5. Information was put on Packet Radio frequencies in June. Larry WB9MFJ is going to run the information through once again on this system.
6. Les K4BZJ is notifying the local newspapers of the event for their publication. He is also contacting Titusville Cable Vision so they run the information on their Channel 9 community bulletin board.
7. Jose & Carole are planning to distribute flyers at the Shelby, NC Hamfest September 5th, and the Melbourne Hamfest September 12, 1992.

Jim N4ZNQ is making the signs to be used on Garden and Williams Streets and in the tailgate area. The TARC sign has been located and we hope to get permission to use it.

We have permission from the EAA representative, Neale W4GMW, to have sodas available for the tailgaters and visitors. The committee agreed that ten cases would be a good start. Cliff KC4SYD has graciously offered to handle that operation from his RV.

The talk-in will be on 146.91-. It will also be manned by Cliff and he will need volunteers to help him with this task.

Generators have been offered for use if needed by Cliff KC4SYD, Archie WN3DHI, and Bud K4CWG. The possible need for extension cords was noted. Portalets were discussed and they will be available at the location of the fly-in only.

TARC'S DX WORLD

Some recent DX contacts made by Jim N4ZNQ

14 MHZ: ZP5JCY, XO9TP/VO1, LX1KQ, LX1KG, WT20/V02, CE0Y/JJ1STW, 9K2TC, CE0YFL, 5B4EP.
21MHZ: SV0BHT, OZ2KRT, OZ9EDR, DK0CU
28 MHZ: CX6BZ, PT7WZ, HP6HYV
HEARD ON 14 MHZ: ZD8Z

UPCOMING TARC PROGRAMS

Sept. 22: **"War Stories - An Ironic Twist"**
Cliff KC4SYD

New member Alan Marsden KC4UUX on his work with Fla. Marine Patrol Salt Water Resources, Department of Natural Resources..

Oct. 27: **New 800 MHz Communications System**
Eric Kennard WS4K - Chief Comm. Brevard Co.Sheriff Office

Presenter t.b.a - State of the Art Advancements:: Crimp Terminals
Fusion Wrap
Heat Shrink Tubing

Appointment of Nominating Committee for 1993 TARC officers

Nov. 24: **Election of officers.**
Christmas Party Planning Session.

Dec. ??: **Christmas Party - date t.b.a.**

DUTCH HARBOR REVISITED

By: Pike Abell W4EPU

ED. NOTE: Pike told about his trip at the July meeting. I asked him to write this article so that those who were not at the meeting could share his story.

On the evening of June 1, 1992 at Jacksonville AFB, Little Rock, Arkansas, 84 members of the 206th CA(AA) Dutch Harbor veterans, average age 74; about 25 members of the current 206th Field Artillery, Arkansas National Guard, including Maj. General James P. Ryan; and Dr. Bernard Goldstein, author of the book "The Willawaw War" a documentary of the WWII Aleutian campaign; borded a C-141 aircraft operated by the Jacksonville, Mississippi Air National Guard and proceeded to fly to Anchorage, Alaska non-stop on the first leg of our journey to Dutch Harbor. At this point let me digress and explain how the trip came about.

To show their appreciation to the men of the 206th, the state of Alaska, the mayor and citizens of Dutch Harbor and Unalaska decided to invite as many members as could be located to Dutch Harbor for a 50th anniversary commerative ceremony. With the help of the 206th Alumni Association , 84 of us were located and made the trip.

Now getting back to the trip: We arrived in Anchorage on June 2, and were billeted in military barracks for the night. This time of year there is literally a midnight sun. The sun set around midnight, rising about 4:00 AM. It never got dark. It was spectacular to this Floridian.

The next morning two C-130 aircraft operated by the Alaska Air National Guard flew us to Dutch Harbor. Bad weather forced us to make several passes at the runway before landing. That was a scary situation to the passengers.

We were met by a large reception committee. Two school buses transported us to the Unisea Hotel, a modern JAPANESE OWNED hotel. At the hotel we checked in, freshened up, and boarded the buses for the Unalaska High School where a large reception committee welcomed us and presented us with memorabilia souvenirs. We then proceeded to the airport where the Dutch Harbor business and international community held an impressive reception. There we met business people from many countries, as well as media representatives from a number of news services. Back at the hotel we dressed and returned to the high school where we were guests at a banquet with approximately 600 people in attendance. Full,tired and sleepy we returned to the hotel for a welcomed nights rest.

The next morning the buses were waiting to take us anywhere we wanted to go. We spend most of the day visiting places where we were housed and worked during our tour, as well as some of the bombed out areas which, after 50 years, still show signs of the Japanese raids. The bow of one ship, the Northwestern, destroyed by Japanese dive bombers, still shows above the water line with the stern obviously touching the bottom

About mid afternoon we attended memorial services at the Unalaska cemetary where civilian, some US Army, Navy, Coast Guard, and Marine casualties are burried. In attendance was a host of dignitaries from Alaska and the lower 48. Monuments with plaques for each branch of the service were dedicate A monument with a plaque named a beach on Hog Island "Arkansas Beach", and the defenders as the 206th. This tribute was one of the highlights of our trip. Hog Island is a small island in Dutch Harbor Bay where 206th anti-aircraft and radar Batteries were situated.

That evening an even bigger and better banquet was held at the high school. The menu included American beef and local king crab, halibut, and salmon - seafood at its best. There were 700-800 people in attendance. A whole new set of spealers were presented, and we glowed at nothing but praise for the 206th.

The next morning, June 5, we were back aboard the C-130's for a pleasant but uneventful trip back to Anchorage. After lunch we boarded a C-141 and arrived in Little Rock at 11:30 PM, tired, happy and satisfied after a fantastic voyage.

Epilogue: The man on the street at Dutch Harbor appeared to know what happened on June 3 & 4, 1942, and the period of over two years we spent there. We were thanked by them many times. On several occasions as individuals we were invited to check out of the hotel and "stay at our house". I know that WWII veterans and veterans of other wars who read this know we were not always appreciated. But in this situation we were overwhelmed with thanks and appreciation.

TREASURER'S REPORT

By: Walt Hart KC4VVG

	Checking	Savings
Beginning Balances	$713.68	$1,121.54
Income	90.00	
Balance before expenses	$803.68	$1,121.54
Expenses: Postage, newsletter, Repeater, telephone	287.95	750.00
Balance as at 8/25/92	$515.73	$371.54
Field Day Expenses:	$478.77	

Repeater Loan: Beginning bal.	$3,171.00
Payments made:	1,750.00
Balance due Bud K4CWG	$1,421.00

.....800 MHz continued from Page 4

The Brevard County 800 MHz trunked radio system uses three transmitter sites in south, central, and north Brevard. Frequencies between 866-868 and 821-823 MHz are used with 12.5-kHz channel spacing and 3.5 kHz FM deviation. This is the new narrowband channel spacing/deviation replacing the old 25-dHz channel spacing the 5-Khz deviation. Transmitter sites use 400-foot tall towers with Celwave antennas enclosed in a Fiberglas radome. Deedlines are 1-5/8" heliax for low loss. Transmit power can be as high as 100 watts but has been reduced to provide coverage within Brevard while not sending a significant signal to areas outside Brevard. Transmitters are located on Day St. in Titusville, the Emergency Operations Center in Rockledge, and at the Palm Bay Police department. Receivers are located with the transmitters, with additional satellite receivers located at the Grant Fire Station and at Ramshur Towers in Eau Gallie. North Brevard has two satellite receiver locations under construction, one at the Mims wastewater treatment plant and one at the Sharpes Jail. A satellite receiver may be needed in the Cape Canaveral area in the future. Each site is linked to each other and to the main system computer by a county-owned private T1 network. T1 lines are rented from Southern Bell and are routed through a Racal Milgo switch in Titusville.

IN THE BEGINNING

By Les Widick K4BZJ

The Titusville Amateur Radio Club, as it is known today, had its beginning on Sunday, April 1, 1976. Previous to this date a few Titusville Hams used the TARC name during the mid 1960's. Most of these Hams worked at the Cape, had very little time to devote to Ham Radio, but managed to meet at the home of Harold Weir K4RLK. The group had no elected officers and were not able to continue as a group, so Titusville had no club in the early 1970's.

Fred Kienzle K4ZS with the aid of a couple of local hams utilized the Call Book to contact all local Hams with a 32780 Zip Code. The meeting was held in the First Federal Bank Hospitality Room in Indian River Plaza. Thirty Hams attended the first meeting. K4ZS was elected president. No further officers were elected.

A few more Hams were gathered for the May meeting and a few did not return. Those that attended the April and May meetings were named Charter Members. This included thirty-five Hams and two without calls. Included on the July, 1992 roster for the TARC are 10 Hams who were Charter Members: W3WYO, W4AVP, K4BZJ, WB4CCB, W4LAC, W0LRC, W4OPZ, W4RJM, K4SJC and W4VPV. Possibly 15 of the Charter Members are Silent Keys and 5 others are still local Hams, but not members of our club.

TARC began participating in many of the events that the club does at this time. i..e. Christmas Parade, Indian River Festival, Emergency Communications (Hurricane David and the Condominium collapse in Cocoa Beach), set up in Miracle City Mall and Field Day.

K4ZS remained president until November 1978, and decided he had done enough work. Fred was very good at organization and the members were more than willing to let him do the work. A slate of officers was elected. We were no longer able to use the Hospitality Room so the TARC joined the Titusville Chamber of Commerce and were able to use the meeting room on Monday nights. This arrangement lasted several years until the Chamber decided that they had better use for the room and our $50 a year dues didn't pay for the lights and electricity.

Thursday evening eyeball QSO's were begun early in the club's existence. We have worn out our welcome in several Titusville restaurants - Sambo's, restaurants at the Quality Court, one night at Howard Johnsons, and several years at IHOP. Morrison's became our present selection when we arrived at IHOP one evening to find that it was out of business.

A complete list of presidents of the club probably is not available. By memory recall, Bud Wheeler WB4IFH, Bill Hoskinson WA4CUO, Bob Young N4DQT and Art Zippler KH6IH. Membership remained at approximately 30 and attendance at meetings was 20 or more.

The '91 repeater was not part of the club. Larry Skidmore WB4LOE owned the repeater, and in the summer of 1977 he sold it to the "Dirty Dozen" - 12 local Hams who put up the money to buy it. The repeater remained independent of the club and operated as the Titusville Repeater Association. Fred K4DII had the '97 Repeater but it was open to local hams. The '67 Repeater was operated by Coffey W0LRC and it was also open to locals. In the mid 1980's the Titusville Repeater Association was merged into the TARC and remains in that status at this time. Larry WA4LOE gave the '97 Repeater to the club in the fall of 1991 after obtaining the frequency from K4DII.

With ten meter voice privileges for Novices and the no code Technician license, the club has mushroomed with paid membership near 150, and more joining monthly. Attendance at meetings is topping 60. Numerous events are making our club a very busy organization. Those that were in attendance at the first meeting on April 1, 1976, certainly did not envision the TARC of 1992.

Campaign speeches should come with a warning label: "Caution! Likely to cause drowsines and/or vomiting."

Campaign promises should bear the label: Dangerous if swallowed! Not to be taken internally --- or seriously."

WHICH MEMBER ARE YOU?

Some members keep the TARC strong,
While others join and just belong.

Some dig right in, some serve with pride,
Some go along just for the ride.

Some volunteer and do their share,
While some sit back and just don't care.

On meeting days some always show,
Then there are those who never go.

Some always pay their dues ahead,
Some get behind for months instead.

Some do their best, some build, some make,
Some never give, but always take.

Some lag behind, some let things go,
Some never help the TARC grow.

Some drag, some pull, some don't, some do,
Which of these, my friend, are you?

TITUSVILLE AMATEUR RADIO CLUB
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